

INFORMATION DISCLOSURE STATEMENT

Applicant	:	Bhaduri, et al.
App. No.	:	Unknown; National Phase of PCT/IN02/00015
Filed	:	January 25, 2002
For	:	AN OLEFIN POLYMERISATION TITANIUM CATALYST
Examiner	:	Unknown
Group Art Unit	:	Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 29 references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed with the U.S. National Phase of PCT application PCT/IN02/00015 filed January 25, 2002, and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,  
KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 21 July 2004

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT          BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. KHAIT5.001APC	APPLICATION NO. Unknown; National Phase of PCT/IN02/00015 <b>10/502219</b>
	APPLICANT Bhaduri, et al.	
	FILING DATE January 25, 2002	GROUP Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	4,329,253	05/1982	Goodall, et al.			
	2	4,393,182	07/1983	Goodall, et al.			
	3	4,400,302	08/1983	Goodall, et al.			
	4	4,414,132	11/1983	Goodall, et al.			
	5	4,535,068	08/1985	Job			
	6	4,330,649	05/1982	Kioka, et al.			
	7	4,472,521	09/1984	Band			
	8	4,540,679	09/1985	Arzoumanidis, et al.			
	9	4,728,705	03/1988	Nestlerode, et al.			
	10	4,710,428	12/1987	Tamamizu, et al.			
	11	5,106,806	04/1992	Job			
	12	5,122,494	06/1992	Job			
	13	5,281,567	01/1994	Job			
	14	4,900,706	02/1990	Sasaki, et al.			
	15	473,268	04/1892	Sloan			
	16	4,808,561	02/1989	Welborn, Jr.			
	17	4,921,825	05,1990	Kioka, et al.			
	18	5,362,824	11/1994	Furtek, et al.			
	19	5,461,017	10/1995	Furtek, et al.			
	20	4,182,810	01/1980	Willcox			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	21	682262	08/1979	USSR				
	22	465819	06/1978	USSR				
	23	0177622	04/1986	Europe				
	24	WO 01/18067	03/2001	PCT				

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

<b>FORM PTO-1449</b> <b>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	<b>ATTY. DOCKET NO.</b> KHAITS.001APC	<b>APPLICATION NO.</b> Unknown; National Phase of PCT/IN02/00015 <b>10/502219</b>
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	<b>FILING DATE</b> January 25, 2002	<b>GROUP</b> Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	25	S. M. Pillai, et al., <i>Dimerization of Ethylene and Propylene Catalyzed by Transition-Metal Complexes</i> , Chem. Rev. 1986, 86, 353-399.
	26	J.A. Gladysz, <i>Frontiers in Metal-Catalyzed Polymerization: Designer Metallocenes, Designs on New Monomers, Demystifying MAO, Methathesis Deshabille</i> , Chem. Rev. 2000, Volume 100, Number 4.
	27	H.G. Alt, <i>Effect of the Nature of Metallocene Complexes of Group IV Metals on Their Performance in Catalytic Ethylene and Propylene Polymerization</i> , Chem. Rev. 2000, 100, 1205-1221.
	28	H.G. Alt, <i>The heterogenization of homogeneous metallocene catalysts for olefin polymerization</i> , J. Chem. Soc., 1999, 1703-1709.
	29	G.G. Hlatky, <i>Heterogeneous Single-Site Catalysts for Olefin Polymerization</i> , Chem. Rev. 2000, 100, 1347-1376.

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